

### 3<sup>RD</sup> GRADE MATH EXIT EXPECTATIONS BOXES

<u>NUMBER OPERATIONS AND RELATIONSHIPS</u>	<u>MEASUREMENT</u>	<u>GEOMETRY</u>
<ul style="list-style-type: none"> <li>▪ Identify place value to thousands</li> <li>▪ Create and use a number line</li> <li>▪ Compare whole numbers using appropriate symbols (greater than, less than, or equal) to 1000</li> <li>▪ Compute addition and subtraction with money (decimals to hundredths place)</li> <li>▪ Understand and compare fractional parts including equivalent fractions through models and manipulatives (1/2, 1/3, 1/4, 1/5, 1/6)</li> <li>▪ Identify equivalent fractions in picture form</li> <li>▪ Compute up to three-digit addition and subtraction with regrouping</li> <li>▪ Use strategies to solve multiplication and division facts to 12</li> <li>▪ Demonstrate the relationship between multiplication and addition</li> <li>▪ Estimate sums to tens and hundreds and differences to ten</li> <li>▪ Round two- and three-digit numbers to tens and hundreds</li> <li>▪ Use mental math to find sums and</li> </ul>	<ul style="list-style-type: none"> <li>▪ Estimate using appropriate unit of measure</li> <li>▪ Measure length to nearest yard, half-inch, meter, centimeter</li> <li>▪ Find perimeter using measurement and addition</li> <li>▪ Use digital and analog clocks to read, write, and translate time to one minute intervals and notations of AM and PM</li> <li>▪ Count, compare, make change, and solve problems using a collection of coins (up to one dollar) and one-dollar bills</li> <li>▪ Compare temperatures using C and F scales</li> </ul>	<ul style="list-style-type: none"> <li>▪ Identify trapezoids</li> <li>▪ Identify plane and space figures and their relationships to each other</li> <li>▪ Create symmetrical figures</li> <li>▪ Understand and create congruent figures</li> <li>▪ Identify concept of angles (right, greater than, less than)</li> <li>▪ Identify parallel and intersecting lines</li> <li>▪ Match simple shapes through use of slides</li> </ul>
	<u>PROBABILITY AND STATISTICS</u> <ul style="list-style-type: none"> <li>▪ Read circle, bar, and line graphs</li> <li>▪ Create a simple graph to represent data</li> <li>▪ Collect data using observations, surveys, and experiments</li> <li>▪ Experiment to determine possible outcomes</li> <li>▪ Determine fair and unfair games based on probability</li> </ul>	<u>ALGEBRAIC RELATIONSHIPS</u> <ul style="list-style-type: none"> <li>▪ Identify and create patterns</li> <li>▪ Use patterns to solve problems</li> <li>▪ Determine what mathematical symbols are used to represent expressions and equations (greater than, less than, =, X, division)</li> <li>▪ Solve multiple-step word problems (+, -)</li> <li>▪ Locate and name coordinates of a point on a graph in first quadrant</li> </ul>